

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## RESERVOIR CONTENTS REPORT

**January 31, 2007**

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY	%AVERAGE	Reading	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT			Date	
		1960 - 2005	1/31/2006	12/31/2006	1/31/2007				
	Full Pool								
	Contents								
ACKLEY	6,140	3,575		2,204	2,204	36	62		Estimated no change since October
BAIR	7,300	3,541			1,800	25	51		1/31 Estimated, 1,771AF on 1/18
CATARACT	1,478	390		500	500	34	128		Estimated, Inaccessible
COONEY	28,230	18,186	19,405	15,044	16,800	60	92		15,945AF on 1/15
COTTONWOOD	1,900	655			5	0	1	1/18/07	At minimum winter storage
DEADMAN'S BASIN	76,900	46,021	36,533		37,000	48	80		Estimated, 34,713AF on 1/10
E.F. ROCK CREEK	16,040	7,945	6,033	5,078	5,796	36	73	1/31/07	
FRENCHMAN	3,752	2,471	2,526		1,823	49	74	2/5/07	1,195AF on 1/15
MARTINSDALE	23,348	8,369		0	0	0	0		Drained for Construction
MIDDLE CREEK	10,184	6,060			6,000	59	99		1/31 Estimated, 5,727AF on 12/4/2006
NEVADA CREEK	11,207	4,711	6,051	4,547	4,810	43	102	1/31/07	
NILAN	10,992	6,564	6,190		6,300	57	96		1/31 Estimated, 5,813AF on 11/1
N.FK. SMITH RIVER	11,406	5,817			4,100	36	70		1/31 Estimated, 3,973AF on 1/18
RUBY RIVER	36,633	23,975			25,000	68	104		Estimated, 22,820AF on 1/15
TONGUE RIVER	79,071	35,819		47,858	48,900	62	137	1/31/07	
W.F. BITTERROOT	32,362	5,021		9,473	9,500	29	189		1/31 Estimated
WILLOW CREEK	18,000	11,687		11,800	14,000	78	120		1/31 Est., 12/31 Est., 11,229AF on 12/19
YELLOWWATER	3,842	1,002		127	127	3	13		Est., 127 AF on 9/28, assume no change

\* Note: Reservoir contents include dead storage at the following: Ackley 325 A.F., Cooney 90 A.F., Deadman's 4,600 A.F., Nilan 900 A.F., Tongue River 711 A.F., W.F. Bitterroot 656 A.F., and Willow Creek 269 A.F..

\* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

\* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

\* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.